

* NOTICES *

JPO and INPIT are not responsible for any
damages caused by the use of this translation.

- 1.This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.**** shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Industrial Application]"The ancient salt water" which includes an activity mineral element with sufficient balance in this invention about the blended cosmetics in more detail, It is very pure and, moreover, the ancient salt water which includes the activity mineral ingredient which reveals "high penetrating power", "super-reducing power (antioxidative activity)", etc. which cannot be acquired in the mineral ingredient contained in other hot spring water, groundwater, sea water, or deep sea water is blended with cosmetics.

Therefore, by revealing perviousness, antioxidation nature, disinfection, moistness, etc. for the cosmetics concerned, and supplying these in percutaneous absorption, Give an activation operation, a bloodstream accelerating effect, etc. to the skin, and the metabolism of the skin is activated, Make the operation which returns suitably the melanin which carried out superfluous generating especially by ultraviolet rays etc., and active oxygen reveal, and this invention, Protect the skin from desiccation harmful to the skin, ultraviolet rays, oxidation, etc., and maintenance and recovery of the original constant maintenance function of the skin which it has are aimed at, Delay of degraded phenomena, such as an improvement of dyschromatosis, such as a stain and a freckle, dullness, wrinkles, sag, and depilation, It is related with the cosmetics which demonstrate a remarkable effect to prevention of relaxation of prevention of the condition improvement of surface deterioration, dry skin, a pimple, chilblain, a rash, allergy, atopic dermatitis, etc., a cavity, periodontoclasia, etc., the sudamina, stiffness in shoulder, neuralgia, oversensitivity to cold, etc., skin cancer, etc.

[0002]

[Description of the Prior Art]Although it depends from ancient times, especially one of the troubles of most has dyschromatosis, such as silverfish, a pimple, and a freckle, on cosmetics

for a woman, generally it is said that the symptoms of these dyschromatosis are shown when melanin carries out an unusual increase within epidermis.

[0003]Degraded phenomena, such as surface deterioration, dullness, wrinkles, sag, and depilation, Not a thing but energy and protein of getting worse suddenly one day, In addition to the shortage of ingestion of the mineral by superfluous ingestion and an unbalanced diet of a fat etc., etc., the pile of the contents of a life of every day, such as ultraviolet rays, alcohol, and excessive drinking of tobacco, serves as a base, as a result, what is called skin age increases, and the ground which a degraded phenomenon reveals is done.

[0004]From before, experientially Namely, superfluous ingestion of such energies, protein, a fat, etc., etc., Although external factors, such as carelessness about their health, such as a shortage of ingestion of the mineral by unbalanced diet, alcohol, excessive drinking of tobacco, or ultraviolet rays, understood promoting the dyschromatosis and a degraded phenomenon for the health of the body well, Whether a melanin is proliferated in what kind of form, or skin age is made to increase had many points obscure till these days.

[0005]By the latest research, very much to these dyschromatosis and degraded phenomena. It became clear that the radical and activation lipid of active oxygen are concerned closely, superfluous generating of this active oxygen and accumulation of peroxy lipid increased the melanin as a result, and influencing the increase in skin age greatly is accepted.

[0006]Although active oxygen is the substance which was dramatically rich in reactivity and it is said that 2 to 5% of the oxygen incorporated into the living body by breathing turns into active oxygen, Usually, the function in which enzymes, such as "a SOD enzyme (superoxide DIMUSUTAZE)" etc. which makes the radical of active oxygen harmless, will go up in the inside of the body if a quantity of this amount of active oxygen occurs in in the living body, "SOD induction ability" works and it controls that active oxygen and peroxy lipid are accumulated in the living body.

[0007]By however, external factors, such as ingestion of movement and labor excessive in being exposed to ultraviolet rays for a long time, alcohol, tobacco, medicine, etc., bacterial infection, stress, and ischemia. When active oxygen carries out superfluous generating above for a regular amount in the skin or the living body, only by said SOD induction function, it becomes impossible to fully detoxicate the radical of active oxygen, and active oxygen will be accumulated superfluously in the skin or the living body.

[0008]As a result, the body tissue which has unstable chemical structure, such as unsaturated fatty acid containing the collagenous fiber which determines the pliability and elasticity of the skin, elastin textiles, or the phospholipid which exists in the inside of a living body cell, becomes a radical target of active oxygen, and oxidizes.

[0009]And if these collagenous fibers, elastin textiles, and phospholipid carry out conversion, In [become peroxy lipid, accumulate promote growth of a melanin, and the increase in skin

age, and become a cause of generating of silverfish, a freckle, surface deterioration, dullness, wrinkles, sag, and depilation, and] the skin, Become the shortage of ingestion of a mineral and the fall of the original constant maintenance function of the skin which it has is caused, Condition, such as surface deterioration, dry skin, chilblain, a rash, allergy, and atopic dermatitis, occurs, Also in an organ in the living body, peroxy lipid destroys a normal cell, an obstacle is done to an organ, and becoming causes, such as various diseases, for example, a pimple, stiffness in shoulder, neuralgia, and oversensitivity to cold, is pointed out.

[0010] And in this way, active oxygen destroys a collagenous fiber, elastin textiles, phospholipid, etc., and further, promote aging, it becomes a cause of various condition, and also accumulation of peroxy lipid will damage an intracellular gene (DNA), and also becomes the cause of generating cancer.

[0011] Therefore, dyschromatosis, such as silverfish and a freckle, dullness and wrinkles, sag, Various diseases, such as generating of degraded phenomena, such as depilation, or surface deterioration, dry skin, the chilblain, a rash, allergy, atopic dermatitis, a pimple, stiffness in shoulder, neuralgia, and oversensitivity to cold, cancer, etc., If it has been said that it is in the fall of the original constant maintenance function of the skin which it has and superfluous generating of active oxygen resulting from the shortage of ingestion of carelessness about its health and a mineral, ultraviolet rays, etc. and it says conversely, It leads to control of these disease generating by controlling efficient ingestion of a mineral element, superfluous generating of active oxygen, and accumulation of peroxy lipid.

[0012]

[Problem(s) to be Solved by the Invention] From the former, it is supposed for the purpose of prevention and recovery of various diseases, such as surface deterioration, dry skin, the chilblain, a rash, allergy, atopic dermatitis, a pimple, stiffness in shoulder, neuralgia, and oversensitivity to cold, that what is called thalassotherapy by mineral water, sea water, etc., such as a hot spring and groundwater, is effective.

[0013] Namely, when said thalassotherapy carries out percutaneous absorption supply of the mineral ingredient contained in mineral water, sea water, etc., such as a hot spring and groundwater, Metabolism, circulation, etc. are normalized, maintenance and recovery of the original constant maintenance function of the skin which it has are aimed at, and it aims at preventing and recovering said various diseases.

[0014] And these days, in order to acquire the effect of this thalassotherapy simply, cosmetics and quasi drugs which blended mineral water, sea water, etc., such as a hot spring and groundwater, are proposed.

[0015] However, mineral water, sea water, etc., such as a hot spring and groundwater, Since domestic wasted water and industrial effluent are mixing and microorganisms, such as saprophytic bacteria and bacteria, have occurred, Since there is a possibility of causing

debasement, such as yellowing and deterioration, a skin stimulus, etc. when it blends with cosmetics etc. in the present state or the state where it condensed, processing of addition of a germicide, heat-treatment or UV irradiation, etc., etc. is needed.

[0016]There are problems, such as sensing further that a skin stimulus is a user, or spoiling a using feeling, and processing of heat-treatment, UV irradiation, etc. will remove a required mineral ingredient simultaneously with removal of a microorganism, and it becomes impossible however, for addition of a germicide to acquire sufficient effect.

[0017]Then, although how to add a mineral ingredient artificially in mineral water and sea water, such as a hot spring, groundwater, etc. after processing of distilled water, heat-treatment, UV irradiation, etc., can be considered, The cluster of the mineral ingredient added by this method is comparatively large, and, for this reason, there is a problem that percutaneous absorption penetrating power becomes difficult to get.

[0018]These days, cosmetics and quasi drugs which blended what is called "deep sea water (ocean)" as a mineral ingredient are also proposed very much.